

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: SHUO-YEN ROBERT LI ET AL.)
Application Serial No.: 09/882,113) Attorney Docket No.: IT0065-US
Filed: June 15, 2001)
Title: CONFIGURING EQUIVALENT MULTI- STAGE INTERCONNECTION NETWORKS IN THE BIT-PERMUTING STYLE)))

SUBMISSION OF REVOCATION OF POWER OF ATTORNEY AND GRANT OF POWER OF ATTORNEY

Assistant Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicants hereby submit the attached Revocation of Power of Attorney and Grant of Power of Attorney in the above-identified application. Should there be any questions with respect to this submission a representative of the Patent Office is requested to contact the undersigned.

Respectfully submitted,

SHUO-YEN ROBERT LI ET AL.

Date: October 8, 2004

By:

SHAW PITTMAN LLP 1650 Tysons Boulevard McLean, VA 22102-4859

703-770-7900

Customer No. 28970

Lawrence D. Eisen

Registration No. 41,009



PATENT Customer No. 28970

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Patent Application and Patent Numbers:

See attached "Schedule A"

REVOCATION OF POWER OF ATTORNEY AND GRANT OF NEW POWER OF ATTORNEY

The undersigned, a representative authorized to sign on behalf of the assignee owning all of the interest in the listed and pending patent applications and issued patents on the attached sheet (Schedule A), hereby revokes all previous powers of attorney or authorization of agent granted in these patents before the date of execution hereof. The undersigned verifies that **INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE** is the assignee of the entire right, title, and interest in each of the pending patent applications and issued patents listed on the attached Schedule A and is identified as the assignee by assignments from the inventor(s) in the listed pending patent applications and issued patents as filed accordingly at the U.S. Patent and Trademark Office. The undersigned certifies that the evidentiary documents have been reviewed and to the best of the undersigned's knowledge and belief, title in each of the pending patent applications and issued patents listed on the attached Schedule A is in the assignee **INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE**.

By the undersigned's signature, INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE hereby grants power of attorney for each of the pending patent applications and issued patents listed on the attached Schedule A to SHAW PITTMAN **LLP**, Michael D. Bednarek, Reg. No. 32,329; Lawrence J. Gotts, Reg. No. 31,163; Aslan Baghdadi, Reg. No. 34,542; Yitai Hu, Reg. No. 40,653; Elizabeth M. Roesel, Reg. No. 34,878; David C. Isaacson, Reg. No. 38,500; Steven P. Arnheim, Reg. No. 43, 475; Poh. C. Chua, Reg. No. 44,615; Michael A. Oblon, Reg. No. 42,956; Lawrence D. Eisen, Reg. No. 41,009; Mark Koehn, Reg. No. 46,271; Michelle S. Marks, Reg. No. 41,971; Brett C. Martin, Reg. No. 52,000; Chad D. Wells, Reg. No. 50,875; Tara L. Hutchings, Reg. No. 46,559; John Kasha, Reg. No. 53,100; Ann P. McGeehan, Reg. No. 45,839; June E. Cohan, Reg. No. 43,741; and Joanne Kim, Reg. No. 51,193, both jointly and separately as its attorneys with full power of substitution and revocation, to transact all business in the Patent and Trademark Office connected with each of the pending patent applications and issued patents listed on the attached Schedule A.

Please send all future correspondence concerning the pending applications and issued patents listed on the attached Schedule A to SHAW PITTMAN LLP at the following address:

> Shaw Pittman LLP 1650 Tysons Blvd. McLean, Virginia 22102

Dated: Sept. 9, 2004

(title)

Deputy General Director Industrial Technology Research Institute



Schedule A

	,		, 							
Patent Number	6,591,285									
Application Publication Number Number		09/882,104 US 2002-0031121 A1	09/882,113 US 2002-0031118 A1	09/882,439 US 2001-0055304 A1	09/882,317 US 2001-0053157 A1	09/882,760 US 2001-0055304 A1	09/882,133 US 2003-0063602 A1	09/882,087 US 2002-0039363 A1	09/882,761 US 2002-0094151 A1	09/881,827 US 2002-0031117 A1
Application Number	09/716,574	09/882,104	09/882,113	09/882,439	09/882,317	09/882,760	09/882,133	09/882,087	09/882,761	09/881,827
Inventors	Shuo-Yen Robert Li (李碩彥)	Shuo-Yen Robert Li (李碩彦)	Shuo-Yen Robert Li (李碩彥) Lu Wa Chiang (蔣路樺)	Shuo-Yen Robert Li (李碩彥)	Shuo-Yen Robert Li (李碩彥)	Shuo-Yen Robert Li (李碩彥) Jian Zhu (朱鍵)	Shuo-Yen Robert Li (李碩彥)	Shuo-Yen Robert Li (李碩彥)	Shuo-Yen Robert Li (李碩彥)	Shuo-Yen Robert Li (李假彥)
Title	RUNNING-SUM ADDER NETWORKS DETERMINED BY RECURSIVE CONSTRUCTION OF MULTI-STAGE NETWORKS	CONDITIONALLY NONBLOCKING SWITCH OF THE COMPRESSOR TYPE	CONFIGURING EQUIVALENT MULTI-STAGE INTERCONNECTION NETWORKS IN THE BIT-PERMUTING STYLE	SWITCHING CONCENTRATOR	SELF-ROUTING DEVICE FOR SWITCHING PACKETS OF DIFFERENT LENGTHS	PACKET SWITCH WITH ONE-STOP BUFFER IN MEMORY WITH MASSIVE PARALLEL ACCESS	CONDITIONALLY NONBLOCKING SWITCH OF THE DECOMPRESSOR TYPE	CONDITIONALLY NONBLOCKING SWITCH OF THE EXPANDER TYPE	CONDITIONALLY NONBLOCKING SWITCH OF THE UPTURNED COMPRESSOR TYPE	CONDITIONALLY NONBLOCKING SWITCH OF THE UPTURNED
Filing Date	11-20-00	10-51-90	06-15-01	06-15-01	06-15-01	06-15-01	06-15-01	06-15-01	06-15-01	06-15-01

Page 1 of 3

(,)	
ب	
Ö	
2	
O	
ø	١
ಡ	
Д	

+